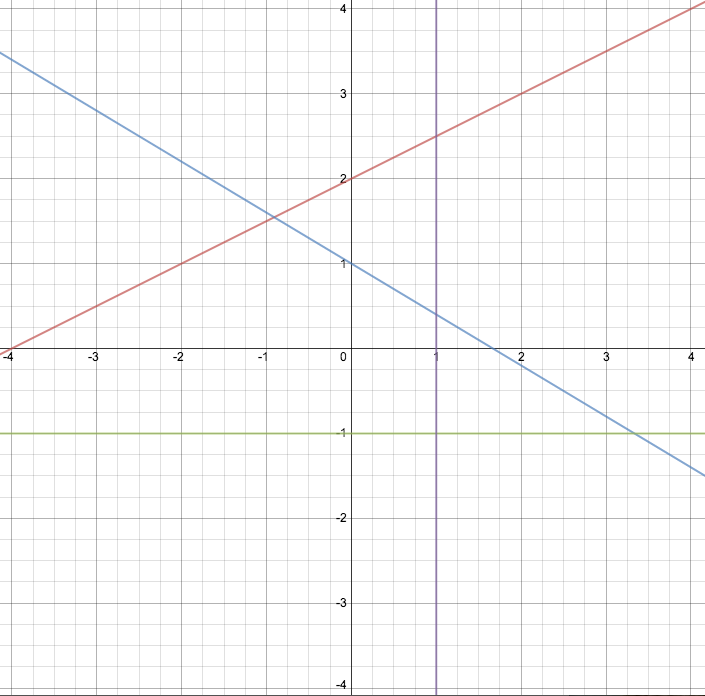
HW#8: Linear Functions Review Pt. 2

Honors Geometry

Due: September 16th, 2015

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_

1. Create a data table for each line. Then, find the equations for each of the lines.



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| a.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | | b.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | |
| c.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | | d.   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  |  |  |  |  | |

2. Simplify the fraction:

|  |  |  |
| --- | --- | --- |
| a. | b. | c. |
| d. | e. | f. |

Remember: Why> How> What

Jessica works 32 hours per week at her job. Her boss offers her a full time position (40 hours per week) and a $2 per hour raise. She says, “Thus is great! Now I’ll make $200 more per week!” What is Jessica’s hourly wage before the raise?

1. Create a data table
2. Write an equation based off the context of the problem
3. Solve. What is Jessica’s hourly wage before the raise?